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(54) Title: A TISSUE ENGINEERING SCAFFOLD

(57) Abstract

A tissue engineering scaffold for cell, tissue or organ growth comprises a biocompatible porous polyurethane cellular material comprising a plurality of substantially spherical voids of diameter from 20 to 300 microns, preferably 80 to 200 microns, interconnected by generally elliptically shaped pores. The cellular material has a void content of from 85 % to 98 mand a surface area to volume of from 5 to 400mm²/mm³. ideally from 20 to 80mm2/mm3.

